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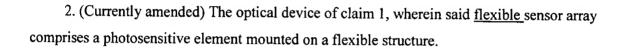
IN THE CLAIMS

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Please amend the claims to read as indicated herein.

- 1. (Currently amended) An optical device comprising:
- an imaging device for imaging an incident beam onto a focal surface;
- a support element having a surface with a shape corresponding to said focal surface, said surface of said support element being located on said focal surface; and
- a <u>flexible</u> sensor array in close contact with said surface of said support element <u>and having</u>

 <u>a surface with a shape corresponding to said focal surface</u>.



- 3. (Previously amended) The optical device of claim 2, wherein said flexible structure conforms to said shape of said surface of said support element.
- 4. (Previously amended) The optical device of claim 2, wherein said flexible structure is bonded to said surface of said support element.
- 5. (Previously amended) The optical device of claim 2, wherein said flexible structure has a thickness in a range from 1 micrometer to 0.1 millimeters.
- 6. (Original) The optical device of claim 1, wherein said sensor array comprises a photodiode line.
- 7. (Original) The optical device of claim 1, wherein said imaging device comprises a grating.
- 8. (Original) The optical device of claim 1, wherein said focal surface is defined by a Rowland Circle.

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- 9. (Currently amended) An optical device comprising: an imaging device for imaging an incident beam on a focal surface; and a flexible sensor array formed to a shape of said focal surface by fixing at least a portion of said flexible sensor array.
- 10. (Previously added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two ends of said flexible sensor array.
- 11. (Previously added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two points located on a surface of said flexible sensor array.
- 12. (Previously added) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two points located on an edge of said flexible sensor array.
- 13. (Currently amended) The optical device of claim 9, wherein said at least a portion of said flexible sensor array comprises at least two points-are located on different edges of said flexible sensor array.
- 14. (Previously amended) The optical device of claim 9, further comprising a support element wherein said at least a portion of said flexible sensor array is fixed to said support element and said support element forms said flexible sensor array to said shape of said focal surface.
- 15. (Previously amended) The optical device of claim 9, wherein said flexible sensor array comprises a photosensitive element mounted on a flexible structure.
- 16. (Previously amended) The optical device of claim 15, wherein said flexible structure has a thickness in a range from 1 micrometer to 0.1 millimeters.

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- 17. (Previously added) The optical device of claim 9, wherein said flexible sensor array comprises a photodiode line.
- 18. (Previously added) The optical device of claim 9, wherein said imaging device comprises a grating.
- lineld (1) 19. (Previously added) The optical device of claim 9, wherein said focal surface is defined by a Rowland Circle.
 - 20. (Currently amended) An optical device comprising:
 - an imaging device for imaging an incident beam onto a focal surface;
 - a support element having a surface conforming to and being located on said focal surface; and
 - a <u>flexible</u> sensor array affixed to said surface of said support element and having a surface with a shape corresponding to said focal surface.